

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

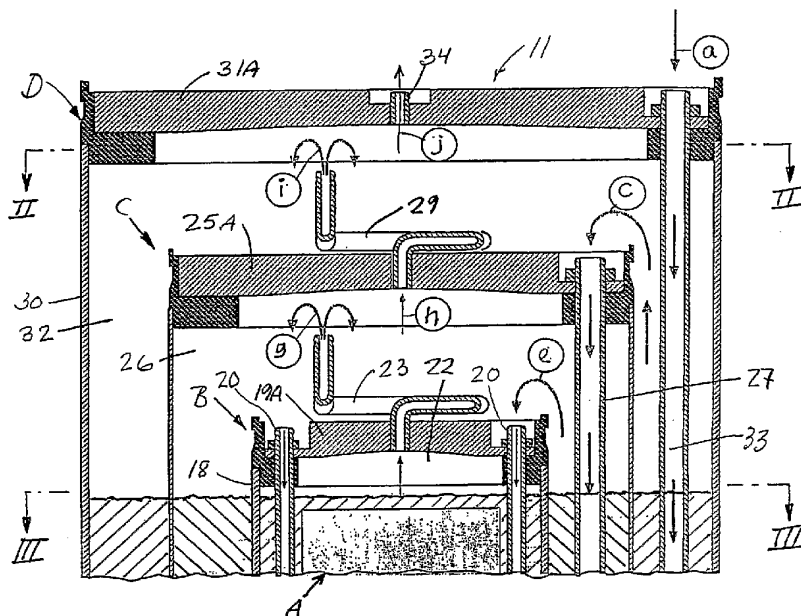
PCT

(10) International Publication Number
WO 2005/064619 A1

- (51) International Patent Classification⁷: **G21F 5/005** // **(74) Agent: DR LUDWIG BRANN PATENTBYRÅ AB; P O Box 17192, S-104 62 Stockholm (SE).**
- (21) International Application Number: PCT/SE2004/002052
- (22) International Filing Date: 30 December 2004 (30.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0303600-1 30 December 2003 (30.12.2003) SE
- (71) Applicant (for all designated States except US): **OYSTER INTERNATIONAL N.V.** [NL/NL]; c/o HB Management N.V., P O Box 6052, NL-Curacao (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **GEORGII, Hans** [SE/GB]; 4, Chelsea Embankment, London SW3 Greater London (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A CONTAINER DEVICE FOR THE STORAGE OF HAZARDOUS MATERIAL AND METHOD FOR MANUFACTURING IT



(57) Abstract: Abstract A container device (11) for the long-term storage of hazardous material (F), particularly for use for the ultimate disposal of nuclear fuel, comprises a plurality of containment bodies (A, B, C, D), placed successively one with in the other. Each containment body comprises a casing wall and an upper and a lower end wall and has a compartment defined by these walls. The innermost containment body (A) holds the hazardous material and each of the other containment bodies (B, C, D) contains a respective next inner containment body (A, B, C). Self-compacting concrete is used to fill the spaces between the containment bodies.

WO 2005/064619 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.